Howard County, Iowa

NRCS Practice	Practice	Units	Payment Type <u>1/</u>	Resource Concerns	Practice Service	Comments
Code	Name	Units	rayment Type <u>11</u>	Resource Concerns	Life 2/	Comments
				Soil Condition – Contaminants -		
				Animal Waste and other Organics		
				(N, P, K)		
	Comprehensive Nutrient			Water Quality – Excess		
	Management Plan (CNMP) –			Nutrients and Organics in		
102	Written	Number	PR	Groundwater and Surface Water	1 yr.	
				Water Quality – Excess		
	Nutrient Management-Plan			Nutrients and Organics in		
104	Written	Number	PR	Groundwater and Surface Water	1 yr.	
				Water Quality – Excess		
	Drainage Water Management			Nutrients and Organics in		
130	Plan - Written	Number	PR	Groundwater and Surface Water	1 yr.	
				Water Quality – Excess		
	Agrichemical Handling			Nutrients and Organics in		
309	Facility	Number	PR	Groundwater and Surface Water	15 yr.	
				Soil Condition – Contaminants		
				 Animal Waste and other 		
				Organics (N, P, & K)		
				Water Quality-Excessive		
				Nutrients and Organics in Surface		
				Water; Excessive levels of		
313	Waste Storage Facility	Number	PR	Pathogens in Surface Water	15 yr.	As a component of CNMP
				Plant Condition – Productivity,		
				Health, and Vigor, Forage		
				Quality and Palatability, Noxious		
				and Invasive Plants		
				Domestic Animals – Inadequate		
				Quantities and Quality of Feed		
				and Forage		
314	Brush Management	Acre	PR	Fish & Wildlife- T&E species	1 yr.	
				Water Quality – Harmful Level		
				of Pathogens in Surface Waters,		
				Excessive Nutrients and Organics		
				in Groundwater and Surface		
316	Animal Mortality Facility	Number	PR	Water	15 yr.	
				Water Quality-Harmful levels of		
317	Composting Facility	Number	PR	pathogens in surface water;	15 yr.	As a component of CNMP

338	Prescribed Burning	Acre	PR	health and vigor; Noxious and	1 yr.	
332	Contour Burier Surps	71010	110	Plant Condition-Productivity	<i>5 y</i> 1.	irearea.
332	Contour Buffer Strips	Acre	PR	Surface Water	5 yr.	treated.
				Sediment and Turbidity in		Payment is for acres that are
				Water, Excessive Suspended		
				Nutrients and Organics in Surface		
				Water Quality - Excessive		
				Soil Condition – Damage from Sediment Deposition;		
				Ephemeral Gully		
				•		
330	Contour Parining	AUC	I IX	Soil Erosion – Sheet/Rill,	5 yr.	Annual payment for a 3 year perio
330	Contour Farming	Acre	PR	Suspended Sediment and Turbidity in Surface Water	5	Annual payment for a 3 year period
				Water Quality - Excessive		
				Sediment Deposition		
				Soil Condition – Damage from		
				Ephemeral Gully		
				Soil Erosion – Sheet/Rill and		
329	till/strip till	Acre	PR	Turbidity in Surface Water	1 yr.	
220	Residue Management – No	A	DD.	Suspended Sediment and	1	
				Water Quality - Excessive		
				Depletion, Compaction.		
				Soil Condition – Organic Matter		
				ephemeral gully		
				Soil Erosion – Sheet & rill,		
328	Conservation Crop Rotation	Acre	PR	Air Quality - Chemical Drift	1 yr.	perennial production.
226				Depletion		crop to rotations that include
				Soil Condition – Organic Matter		transitioning from intensive row
				Turbidity in Surface Water.		Initiative for producers that are
				Suspended Sediment and		
				Water Quality – Excessive		
				ephemeral gully		
<u> </u>				Soil Erosion – Sheet & rill,		
327	Conservation Cover	Acre	PR	species of concern	5 yr.	payment.
				& E species: Declining species,		construction is complete. Onetim
				cover/shelter; Inadequate Food; T		15. Payment may not be made un
				Fish & Wildlife—Inadequate		occur between June 15 and Octob
				Ephemeral Gully		Construction: Construction must
				Soil Erosion-Sheet and rill &		Cover option. Summer
						For the Summer Construction Si
				Surface Water and Groundwater		
				Excess Nutrients and Organics in		

				invasive plants		
				Fish & Wildlife-Inadequate		
				Cover/Shelter; Food; and Space		
				Soil Erosion – Sheet/Rill and		
				Ephemeral Gully		
				Water Quality - Excessive		
				Suspended Sediment and		
				Turbidity in Surface Water,		
				Excess Nutrients and Organics in		
				Surface Water		
				Soil Condition – Organic Matter		
340	Cover Crop	Acre	PR	Depletion	1 yr.	
				Soil Erosion – Sheet/Rill,		
				Ephemeral Gully, and Classic		
				Gully		
				Soil Condition – Damage from		
				Sediment Deposition		
				Water Quality - Excessive		
2.42	Ciri 1 A Di ci		DD.	Suspended Sediment and	10	
342	Critical Area Planting	Acre	PR	Turbidity in Surface Water	10 yr.	
				Soil Erosion – Sheet & rill		
	Desidue and Tilless			Soil Condition – Oranic Matter		
346	Residue and Tillage	A 0m0	PR	Depletion	1	
340	Management (Ridge Till)	Acre	rĸ	Air Quality – PM 2.5	1 yr.	
				Water Quality - Excessive Suspended Sediment and		
350	Sediment Basin	Number	PR	Turbidity in Surface Water	20 yr.	
330	Sedifficit Basifi	Number	1 IX	Fish & Wildlife – Inadequate	20 yr.	
356	Dike	Feet	PR	Water	20 yr.	
330	Dike	Teet	110	Soil Condition – Contaminants	20 yr.	
				- Animal Waste and Other		
				Organics (N, P, K)		
				Water Quality – Excess		
				Nutrients and Organics in		
				Groundwater, Excess Nutrients		
359	Waste Treatment Lagoon	Number	PR	and Organics in Surface Water	15 yr.	As a component of CNMP
-				Water Quality – Excess	, , , , , , , , , , , , , , , , , , ,	1
				Nutrients and Organics in		
	Closure of Waste			Groundwater, Excess Nutrients		
360	Impoundment	Acre	PR	and Organics in Surface Water	15 yr.	
	-			Soil Erosion – Sheet/Rill,	•	
362	Diversion	Feet	PR	Ephemeral Gully, and Classic	10 yr.	As a component of CNMP

	1			C11		_
				Gully		
				Water Quantity – Excessive		
				Runoff, Flooding, or Ponding		
				Water Quality - Excessive		
				Suspended Sediment and		
				Turbidity in Surface Water		
				Water Quality – Excess		
				Nutrients and Organics in Surface		
				Water, Harmful Levels of		
366	Anaerobic Digester	Number	PR	Pathogens in Surface Water	25 yr.	
		Square		Air Quality – Objectionable	<u>.</u>	
367	Waste Facility Cover	Feet	PR	Odors	20 yr.	As a component of CNMP
207	, uster worms, es ver	1000		Air Quality – Objectionable		
				Odors, PM 2.5, PM 10, Harmful		
				levels of Greenhouse Gas NH3,		
371	Air Filtration and Scrubbing	Acre	PR	CH4	10 yr.	
3/1	All Filtration and Scrubbing	Acte	rĸ		10 yı.	
				Domestic Animals – Inadequate		
				Stock Water; Stress and Mortality		
				Water Quality – Excess		
				Nutrients and Organics in Surface		Watering source for livestock:
				Water		Payment rate varies based on type
378	Pond	Number	PR	Soil Erosion- Classic Gully	20 yr.	of inlet.
				Air Quality – Undesirable Air		
				Movement, Objectionable Odors		
				and Adverse Air Temperature		
	Windbreak/Shelterbelt			Fish & Wildlife—Inadequate		
380	Establishment	Feet	PR	Cover/Shelter; Inadequate Food	15 yr.	
				Domestic Animals-Inadequate	<u> </u>	
				Quantities and Quality of Feed		
				and Forage; Stress and Mortality,		
				Inadequate Shelter		
				Plant Condition-Forage quality		Permanent interior fences required
				and palatability; Productivity,		for rotational grazing or livestock
382	Fence	Feet	PR	Health, and Vigor	20 vr	exclusion. No property line fences.
362	1 CHCC	1,661	ΓIV	Š	20 yr.	exclusion. Two property line fences.
				Soil Erosion – Sheet/Rill and		
				Ephemeral Gully		
				Soil Condition – Damage from		
				Sediment Deposition		
				Water Quality - Excessive		
				Suspended Sediment and		
386	Field Border	Feet	PR	Turbidity in Surface Water	10 yr.	
391	Riparian Forest Buffer	Acre	PR	Water Quality - Excessive	15 yr.	

				Suspended Sediment and		
				Turbidity in Surface Water;		
				Excessive Nutrients and Organics		
				in Surface Water		
				Soil Erosion – Streambank		
				Air Quality – Excessive		
				Greenhouse Gas – CO2		
				Fish & Wildlife - Inadequate		
				cover/shelter		
				Water Quality - Excessive		
				Suspended Sediment and		
				Turbidity in Surface Water,		
				Excess Nutrients and Organics in		
				Surface Water. Harmful Levels of		
393	Filter Strip	Acre	PR	Pathogens in Surface Water	10 yr.	
	1			Soil Erosion – Streambank		
				Fish & Wildlife - Inadequate		
				Cover/Shelter, Inadequate Food,		
				Inadequate Space		
				Water Quality – Excessive		
	Stream Habitat Improvement			Sediment & Turbidity in Surface		
395	and Management	Acre	PR	Water	5 yr.	
373	und ividinagement	71010	T IX	Soil Erosion-Classic gully &	<i>5 y</i> 1.	
				Streambank		
				Water Quality–Excessive		
				Suspended Sediment and		
410	Grade Stabilization Structure	Number	PR	Turbidity in Surface Water	15 yr.	
410	Grade Stabilization Structure	Tumber	TK	Soil Erosion – Ephemeral Gully	15 yı.	
				and Classic Gully		
				Water Quality - Excessive		
				Suspended Sediment and		
412	Grassed Waterway	Acre	PR	Turbidity in Surface Water	10 yr.	
712	Grassed Waterway	Acic	1 K	Air Quality – Undesirable Air	10 yr.	
				Movement, Objectionable Odors		
				Fish & Wildlife—Inadequate		
				Cover/Shelter; Inadequate Food,		
422	Hedgerow Planting	Feet	PR	Inadequate Space	15 yr.	
422	Treagerow Franting	Teet	1 K	Soil Erosion - Classic Gully &	13 yı.	
				Streambank		
						Exclusion of livestock from
				Water Quality- Excessive		
472	Aggas Control	Aoro	DD	Suspended Sediment & Turbidity in Surface Water; Excess	10 ***	woodlands, ponds, and intermittent streams. Area must be fenced.
4/2	Access Control	Acre	PR	in Surface water; Excess	10 yr.	streams. Area must be renced.

				Nutrients and Organics in Surface		
				Water, Harmful levels of		
				Pathogens in Surface water		
				Soil Erosion - Classic Gully;		
484	Mulching	Acre	PR	Ephemeral Gully, & Sheet & Rill	1 yr.	
	1110110111119	11010		Fish and Wildlife-T&E Species	1)11	
				Plant Condition –Productivity,		
				Health and Vigor, Noxious and		Woodland Stewardship Plan
490	Forest Site Preparation	Acre	PR	Invasive Species	1 yr.	required.
.,,	T STOSY DIVE T TOPUL WITCH	11010		Soil Condition – Compaction	1 /1.	Togothou.
				Fish & Wildlife –Habitat		
				Fragmentation		
				Plant Condition – Forage		
				Quality and Palatability,		
				Productivity, health and vigor;		
511	Forage Harvest Management	Acre	PR	Noxious and Invasive Species.	1 yr.	
311	Totage Tair vest Management	11010	- 110	Domestic Animals – Inadequate	1 31.	
				Quantities and Quality of Feed		
				and Forage		
				Plant Condition – Productivity		
				Health and Vigor; Forage Quality		
				and Palatability.		
				Soil Erosion-Sheet & rill		
				Water Quality – Excessive		Converting cropland or renovation
				Suspended Sediment & Turbidity		of hayland. Used for both cool and
512	Forage and Biomass Planting	Acre	PR	in Surface Water	5 yr.	warm season grasses.
312	Torage and Diomass Flanting	71010	T K	Domestic Animals-Inadequate	3 y1.	warm season grasses
				stock water; Stress and Mortality		
				Plant Condition – Productivity		
				Health and Vigor; Forage Quality		
516	Pipeline	Feet	PR	and Palatability	20 yr.	
310	T ipeinie	1 001	110	Water Quality – Excess	20 yr.	
	Pond Sealing or Lining,			Nutrients and Organics in		
521A	Flexible Membrane	Number	PR	Groundwater and Surface Water	20 yr.	
32111	Tremere Wemerane	TVGIIIOCI	- 110	Water Quality – Excess	20 J1.	
	Pond Sealing or Lining, Soil			Nutrients and Organics in		
521B	Dispersant	Number	PR	Groundwater and Surface Water	15 yr.	
5215	Dispersuit	1,0111001	T.K.	Water Quality – Excess	10 11.	
	Pond Sealing or Lining,			Nutrients and Organics in		
521C	Betonies Sealant	Number	PR	Groundwater and Surface Water	15 yr.	
3210	Pond Sealing or Lining,	1,0111001	- 11	Water Quality – Harmful Levels	10 11.	
521D	Compacted Clay Treatment	Number	PR	of Pathogens in Groundwater	15 yr.	
2211	23mpacted Clay Treatment	1 (6111001		or ramogens in Groundwater	10 J1.	1

				Plant Condition - Productivity,		
				Health, and Vigor; Forage		
				Quality and Palatability		
				Domestic Animals-Inadequate		
				•		
				Quantities and Quality of Feed &		
				Forage		
				Water Quality-Excessive		A southern assessment and to the DV
				Nutrients and Organics in Surface		A onetime payment made in the FY
				Water; Excessive Suspended		after all associated grazing practices
52 0	D 11 1 C 1		DD.	Sediment and Turbidity in	4	are installed and the 528 standard is
528	Prescribed Grazing	Acre	PR	Surface Water	1 yr.	met.
				Domestic Animals – Inadequate		
				Stock Water; Stress and		
				Mortality,		
				Plant Condition – Productivity,		
533	Pumping Plant	Number	PR	Health, and Vigor	15 yr.	
				Water Quality-Excessive		
				nutrients and organics in surface		
554	Drainage Water Management	Acre	PR	water	1 yr.	
				Water Quality—Excess Nutrients		
				and Organics in Surface Water		
558	Roof Runoff Structure	Number	PR	and Groundwater	15 yr.	
				Soil Erosion-Sheet & rill;		
				Ephemeral Gully; and		
				Streambank		
				Water Quality-Excessive		
				Suspended Sediment and		
561	Heavy Use Protection	Acre	PR	Turbidity in Surface Water	10 yr.	
	·			Domestic Animals-Inadequate		
				Stock Water, Inadequate		
				Quantities and Quality of Feed &		
				Forage		
				Plant Condition – Productivity,		
				Health, & Vigor; Forage Quality		
574	Spring Development	Number	PR	and Palatability	20 yr.	
	1 0			Soil Erosion-Streambank		
				Water Quality—Excessive		
				Suspended Sediment and		
				Turbidity in Surface Water,		
				Domestic Animals – Inadequate		
				Stock Water, Inadequate Quality		
578	Stream Crossing	Number	PR		10 vr.	
578	Stream Crossing	Number	PR	and Quantities of Feed and	10 yr.	

				Forage, Stress and Mortality		
				Soil Erosion-Streambank		
				Water Quality—Excessive		
				Suspended Sediment and		
				Turbidity in Surface Water;		
				Excess Nutrients and Organics in		
				Surface Water		
	Streambank and Shoreline			Fish & Wildlife - Inadequate		
580	Protection	Feet	PR	cover/shelter, T&E species	20 yr.	
200	Trocection	1 000	T IX	Soil Erosion – Sheet/Rill and	20 ji.	
				Ephemeral Gully		
				Soil Condition – Damage from		
				Sediment Deposition, Org. Matter		
				Depletion		
				Water Quality - Excessive		
				Suspended Sediment and		
585	Stripcropping	Acre	PR	Turbidity in Surface Water	5 yr.	
363	Surperopping	Tiere	TK	Fish & Wildlife – Inadequate	3 y1.	
				Cover/Shelter, Inadequate Food,		
587	Structure for Water Control	Number	PR	T & E Species, Iadequate Water	20 yr.	
367	Structure for water Control	Number	1 K	Soil Condition – Contaminants -	20 yı.	
				Animal Waste and Other		
				Organics (N, P, K)		
				Water Quality – Excess and		
				Nutrients and Organics in Groundwater, Excess Nutrients		
590	Nutrient Management	Acre	PR	and Organics in Surface Water	1 270	
390	Amendments for the	Acie	I IX		1 yr.	
				Air Quality – Objectionable Odors, PM 2.5, PM 10, Excessive		
591	Treatment of Agricultural Waste	AU	PR	Greenhouse Gas (CO2, CH4)	1	
391	vv aste	AU	ΓN	Soil Condition - Contaminants -	1 yr.	
				Residual Pesticides		
				Water Quality – Harmful Levels of Pesticides in Groundwater and		
				Surface Water Plant Condition - Noxious and		
595	Pest Management	Aoro	PR	Invasive Species	1 ***	
393	rest ivianagement	Acre	ΓN	Soil Erosion – Sheet/Rill,	1 yr.	
				Ephemeral Gully		
				Soil Condition – Damage from		
				_		
600	Tormaca	Foot	DD	Sediment Deposition Water Quantity Evensive	10 ***	
000	Terrace	Feet	PR	Water Quantity – Excessive	10 yr.	

				Runoff, Flooding, or Ponding		
				Water Quality - Excessive		
				Suspended Sediment and		
				Turbidity in Surface Water		
				Turbianty in Surface Water		Can only be used when required in
						combination with another practice
						on this list. When used in
				Soil Erosion - Sheet & Rill,		combination with a grassed
				Ephemeral Gully; and Classic		waterway, payment is limited to no
				Gully		more than the amount needed to
				Water Quantity – Excessive		maintain the grassed waterway.
				Seepage		The maximum size for cost share
				Water Quality - Excessive		assistance when used in
				Suspended Sediment and		combination with a grassed
606	Subsurface Drain	Feet	PR	Turbidity in Surface Water	20 yr.	waterway is 6 inch diameter tile.
000	Subsurface Drain	1 cct	1 K	Fish & Wildlife–Inadequate	20 yr.	waterway is 6 men diameter the.
				Cover/Shelter; Inadequate Food		
				Soil Erosion – Wind		
				Air Quality – Adverse Air		
				Temperature, Excessive		Woodland Stewardship Plan
612	Tree/Shrub Establishment	Acre	PR	Greenhouse Gas (CO2)	15 yr.	required.
012	Tree, sin do Establishment	71010	TK	Plant Condition – Productivity,	15 yr.	required.
				Health, & Vigor, Forage Quality		
				and Palatability		
				Domestic Animals – Inadequate		
				Quality and Quantities of Feed		
				and Forage, Inadequate Stock		Used for watering of livestock
614	Watering Facility	Number	PR	Water, Stress and Mortality	20 yr.	grazing system only.
011	, atterning ratemety	1 (GIIIe CI		Soil Erosion - Sheet & Rill;	20 J1.	grazing system only.
				Ephemeral Gully, Classic Gully		
				Water Quality—Excessive		
				Suspended Sediment and		
				Turbidity in Surface Water		
				Soil Condition – Damage from		
620	Underground Outlet	Feet	PR	Soil Deposition	20 yr.	
				Water Quality-Excessive		
				Nutrients & Organics in Surface		
				Water, Harmful Level of		
				Pathogens in Surface Waters		
				Soil Condition -Contamination		
	Solid/Liquid Waste			- Animal Waste and Other		
632	Separation Facility	Number	PR	Organics (N, P, & K)	15 yr.	As a component of CNMP

				Water Quality – Excess		
				Nutrients and Organics in		
634	Waste Transfer	Number	PR	Groundwater and Surface Water	1 yr.	As a component of CNMP
				Water Quality – Harmful Levels		
				of Pathogens in Surface Water,		
				Excess Nutrients and Organics in		
635	Vegetated Treatment Area	Acre	PR	Surface Water	10 yr.	As a component of CNMP
				Soil Erosion – Ephemeral Gully		
				and Classic Gully		
				Soil Condition – Damage from		
				Sediment Deposition		
				Water Quality - Excessive		
	Water and Sediment Control			Suspended Sediment and		
638	Basin	Number	PR	Turbidity in Surface Water	10 yr.	
				Plant Condition – Productivity,		
				Health, & Vigor, Forage Quality		
				and Palatability		
				Domestic Animals – Inadequate		
				Quality and Quantities of Feed		
				and Forage, Inadequate Stock		
642	Water Well	Number	PR	Water, Stress and Mortality	20 yr.	
				Fish & Wildlife -Inadequate		
	Restoration & Management			Cover/Shelter, Food, Space, T&E		
643	of Declining Habitat	Acre	PR	Species, Habitat Fragmentation	1 yr.	
				Fish & Wildlife – Inadequate		
	Wetland Wildlife Habitat			Space; Cover/Shelter; Water,		
644	Management	Acre	PR	T&E Species, and Food	1 yr.	
				Fish & Wildlife -Inadequate		
	Upland Wildlife Habitat			Cover/Shelter, Food, Space, T&E		To be used in conjunction with a
645	Management	Acre	PR	Species, Habitat Fragmentation	1 yr.	wildlife habitat management plan.
				Fish & Wildlife -Inadequate		
	Early Successional Habitat			Cover/Shelter, Food, Space, T&E		
647	Development Management	Acre	PR	Species, Habitat Fragmentation	1 yr.	
				Air Quality – Undesirable Air		
				Movement, Objectionable Odors		
				and Adverse Air Temperature		
				Fish & Wildlife – Inadequate		
				Cover/Shelter		
	Windbreak/Shelterbelt			Plant Condition – Productivity,		
650	Renovation	Acre	PR	Health, and Vigor	15 yr.	
				Fish & Wildlife – Inadequate		
657	Wetland Restoration	Acre	PR	Space; Cover/Shelter; and Food	15 yr.	

				Water Quality – Excessive		
				Nutrients and Organics in Surface		
				Water and Excessive Suspended		
				Sediment and Turbidity in		
				Surface Water		
				Fish & Wildlife – Inadequate		
				Space; Cover/Shelter; and Food		
				Water Quality – Excessive		
				Nutrients and Organics in Surface		
				Water and Excessive Suspended		
				Sediment and Turbidity in		
658	Wetland Creation	Acre	PR	Surface Water	15 yr.	
038	Wettalid Cleation	Acie	TIX	Fish & Wildlife – Inadequate	13 yı.	
				Space; Cover/Shelter; and Food		
				•		
				Water Quality – Excessive		
				Nutrients and Organics in Surface		
				Water and Excessive Suspended		
650	W 4 1 1 1 1 1		DD	Sediment and Turbidity in	1.5	
659	Wetland Enhancement	Acre	PR	Surface Water	15 yr.	
				Plant Condition - Productivity		
				heath & vigor, Noxious and		
				Invasive plants		
				Fish & Wildlife – Inadequate		W 11 10 11 PI
	F . C. 11		DD	Cover/Shelter, Inadequate Food;	10	Woodland Stewardship Plan
666	Forest Stand Improvement	Acre	PR	T & E Species:	10 yr.	required.
				Water Quality – Excessive		
				Nutrients and Organics in Surface		
				Water		
				Soil Condition - Contaminants -		
				Animal Waste and Other		
				Organics (N), Commercial		
747	Denitrifying Bioreactor	Acre	PR	Fertilizer (N)	10 yr.	
						Reimbursement of conservation
			4006: :			design activities by a Technical
911	Technical Assistance Design	Number	100% AM	Soil Erosion/Water Quality		Service Provider (TSP).
						Reimbursement of conservation
	Technical Assistance					application activities by a Technical
912	Application	Number	100% AM	Soil Erosion/Water Quality		Service Provider (TSP).
						Reimbursement of conservation
	Technical Assistance					installation activities by a Technical
913	Checkout	Number	100% AM	Soil Erosion/Water Quality		Service Provider (TSP).

- **1/2 Payment Schedule Type**: PR Payment amount per unit of practice applied, rates available at local NRCS office. AM The actual cost not to exceed a specified maximum cost.
 - Historically Underserved clients receive a higher payment rate.
- **2/** Length of time the practice is to be maintained.

09/12/2011